



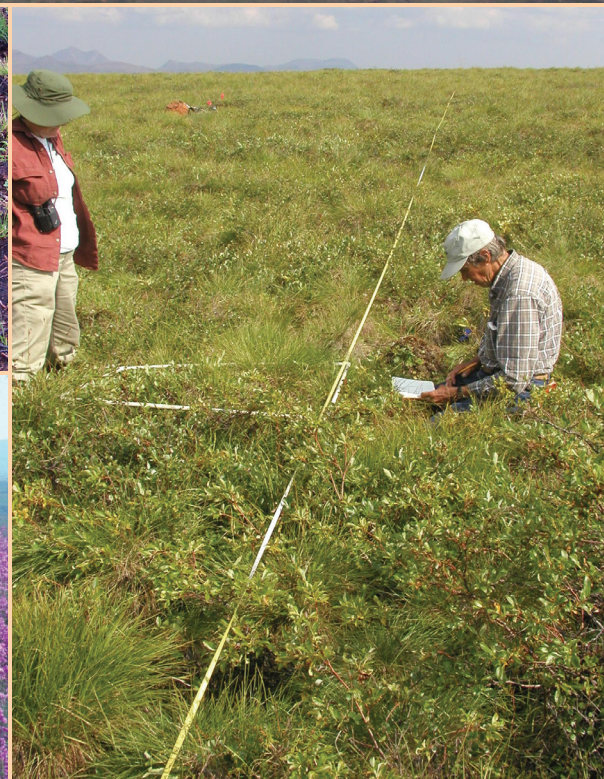
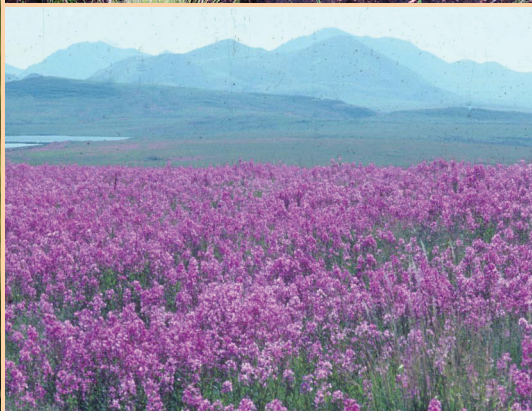
National Park Service

Arctic Network Inventory and Monitoring Program

Long-term Monitoring of Vegetation Change Following Tundra Fires in Noatak National Preserve, Alaska

Arctic Network Inventory & Monitoring Program
National Park Service, Alaska Region

Charles Racine, Jennifer L. Allen, and John G. Dennis



Cover photos

Top: A lightning-caused fire in Noatak National Preserve, the Uvgoon Creek Fire #127, which started in late May of 2004 and burned 11,230 acres (NPS photo).

Inset left: Remnant fireweed (*Epilobium angustifolium*) from the Kugururok burn of 1972. Photo by Andrew Stinchfield (NPS).

Inset center, above: Tussock cotton grass (*Eriophorum vaginatum*) and shrubs (*Betula nana* and *Salix* sp.) resprouting one year after fire on the 2002 Cottonwood Bar (A520) fire in Noatak National Preserve. Photo by Brian Sorbel (NPS).

Inset center, below: Mass bloom of fireweed (*Epilobium angustifolium*) five years after the 1977 Loop fire in Noatak National Preserve. Photo by Charles Racine.

Inset right: Chuck Racine measuring vegetation changes 28 years after fire at the Uchugrak site in Noatak. Photo by Jennifer Allen (NPS).